

Listing of Claims

1. (Canceled).
2. (Currently amended) Screw according to Claim [[1]] 15, characterized in that the bisector (9) in both areas (4, 5) is inclined at about 82° to the axial course of the core (10).
3. (Currently amended) Screw according to Claim [[1]] 15, characterized in that the reversal point (6) of the thread cross section is located at the transition from the rear area (5) to the front area (4).
4. (Currently amended) Screw according to Claim [[1]] 15, characterized in that the reversal point (6) of the thread cross section is located in front of the transition from the rear area (5) to the front area (4).
5. (Currently amended) Screw according to Claim [[1]] 15, characterized in that the reversal point (6) is located behind the transition from the rear area (5) to the front area (4).
6. (Currently amended) Screw according to Claim [[1]] 15, characterized in that the first cross section runs in mirror-image fashion in relation to the second cross section.
7. (Canceled).
8. (Currently amended) Screw according to Claim [[1]] 15, characterized in that, in the rear area (5), the load flank (12) runs rectilinearly and the rear flank (11) runs from the external diameter to the thread base core (14) over a bend (15) to a greater flank angle (δ) and, in the front area (4), the rear flank (11) runs rectilinearly and the load flank

(12) runs from the external diameter to the thread base core (14) over a bend (15) to a greater flank angle (δ).

9. (Original) Screw according to Claim 8, characterized in that the bend (15) is located at 20% to 15% of the thread height.

10. (Currently amended) Screw according to Claim 8, characterized in that the flank angle (δ) of the bent thread flank is approximately 70° in the region between thread base (14) and bend (15) and approximately 45° in the area between bend (15) and thread tip (13).

11. (Currently amended) Screw according to Claim [[1]] 15, characterized in that the flank angle (α, γ) measured at the thread tips (13) is equal in both areas and is approximately 45°.

12. (Currently amended) Screw according to Claim [[1]] 15, characterized in that the flank angle (α, γ) measured at the thread tips (13) is greater in the front area (4) than in the rear area (5).

13. (Currently amended) Screw according to Claim [[1]] 15, characterized in that the threads run out to a point in both areas.

14. (Currently amended) Screw according to Claim [[1]] 15, characterized in that, in the area of the reversal point (6), individual thread tips run with a flat (16) over a circumferential angle of about > 90°.

15. (New) Self-tapping screw (1) comprising a head and a core with threads in a rear area (5) having a substantially cylindrical external diameter, and in a front area (4) extending with an external diameter which decreases toward a leading end of the screw,

the threads having a load flank (12) and a rear flank (11) which define a flank angle (γ),

characterized in that, the threads of the screw in the rear area (5) have a straight load flank (12) from a tip (13) of the threads to the core (14), and in the front area (4) a straight rear flank (11) from the tip (13) to the core (14),

the threads forming a generally triangularly cross section with an oblique bisector (9) of the flank angle (γ) directed outwardly between the load flank (12) and the rear flank (11),

the bisector reversing from the rear area (5) to the front area (4) such that the bisector is outwardly inclined away from the screw head (2) in the rear area (5) and outwardly inclined toward the screw head (2) in the front area (4).